

## DATA LOGGING SYSTEM FOR IMPLANTABLE MEDICAL DEVICE

### Abstract

5 A data logging system and method in which an implantable medical device transmits logged data to an external data logging device with low energy potential signals. The implantable device generates potential signals modulated with digitally encoded data by operating a current source to cause corresponding electrical potentials that can be sensed at the skin surface by the external data logging device. The data logging device then demodulates the sensed potentials to derive the digital data and  
10 stores the data in a data logging storage medium.

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